

1 ggccggacag tccgccgagg tgctcgggtgg agtcatggca gtgccctttg tggaagactg
61 ggacttggtg caaaccttgg gagaaggtgc ctatggagaa gtccaacttg ctgtgaatag
121 agtaactgaa gaagcagtcg cagtgaagat tgtagatatg aagcgtgccg tagactgtcc
181 agaaaaatatt agaaaagaga tctgtatcaa taaaatgcta aatcatgaaa atgtagtaaa
241 attctatggt cacaggagag aaggcaatat ccaatattta tttctggagt actgtagtgg
301 aggagagctt tttagacagaa tagagccaga cataggcatg cctgaaccag atgctcagag
361 attcttccat caactcatgg caggggtggg ttatctgcat ggtattggaa taactcacag
421 ggataattaaa ccagaaaatc ttctgttggg tgaaagggat aacctcaaaa tctcagactt
481 tggcttgga acagtatttc ggtataataa tcgtgagcgt ttgttgaaca agatgtgtgg
541 tactttacca tatgttgctc cagaacttct gaagagaaga gaatttcatg cagaaccagt
601 tgatgtttgg tcctgtggaa tagtacttac tgcaatgctc gctggagaaat tgccatggga
661 ccaaccagtg gacagctgtc aggagtattc tgactggaaa gaaaaaaaa catacctcaa
721 cccttgaaa aaaatcgatt ctgctcctct agctctgctg cataaaatct tagttgagaa
781 tccatcagca agaattacca ttccagacat caaaaagat agatggtaca aaaaaccct
841 caagaaagg gcaaaaaggc ccgagtcac ttcaggtggt gtgtcagagt cttccagtgg
901 attttctaag cacattcaat ccaatttggg ctctctcca gtaaacagtg cttctagtga
961 agaaaatgtg agtactcca gtctcagcc agaaccgcc acaggtcttt cttatggga
1021 taccagccc tcatacatg ataatgtgt ataatgtgt acaaggatc agcttttccc agcccacatg
1081 tctgatcat atgttttga atagtcagtt acttggcacc ccaggatcct cacagaaccc
1141 ctggcagcgg ttggtcaaaa gaatgacacg attctttacc aaattggatg cagacaaaac
1201 ttatcaatgc ctgaaagaga cttgtgagaa gttgggctat caatgggaa gaagtgtgtat
1261 gaatcagggt actatatcaa caactgatat gagaaacaat aaactcattt tcaaatgtgaa
1321 ttgtttagaa atggatgata aaatatgtgt tgacttccgg ctttctaaagg gtgatggatt
1381 ggagttcaag agacacttcc tgaagattaa agggaagctg attgatattg tgagcagcca
1441 gaaggtttgg cttcctgcca catgatcggg ccacgggctc tggggaatcc tgggtgaatat
1501 agtgcgtgcta tgttgacatt attcttccta gagaagatta tcctgtcctg caaactgcaa
1561 atagtagtcc ctgaaagtgt cacttccctg ttatatccaaa catcttccaa tttattttgt
1621 ttgttcggca tacaataaat acctatatct taattgttaag caaaactttg gggaaaaggat
1681 gaatagaatt catttgatta ttcttccatg tgtgttttagt atctgaattt gaaactcatc
1741 tgggtgaaac caagtttcag gggacatgag tttccagct ttatatacaca cgtatctcat
1801 tttatcaaa acattttgtt t

FIG. 1

MAVPFVEDWDLVQTLGEGAYGEVQLAVNRVTEEAVALVKIVDMKR
 AVDCPENIKKEICINKMLNHENVVKFYGHRREGNIQYLFLEYCS
 GGELFDRIEPDIGMPEPDAQRFHQLMAGVVYLHGIGITHRDIK
 PENLLDERDNLKISDFGLATVFRYNNRERLLNKMCGTLPYVAP
 ELLKRREFHAEPVDVWSCGIVLTAMLAGELPWDQPSDSCQEYSD
 WKEKKTYLNPWKKIDSAPLALLHKILVENPSARITIPDIKKDRW
 YNKPLKKGAKRPRVTSGGVSESPSGFSKHIQSNLDFSPVNSASS
 EENVKYSSSQPEPRTGLSLWDTSPSYIDKLVOGISFSQPTCPDH
 MLLNSQLLGTGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKET
 CEKLG YQWKSCMNQVTISTDRNNKLIKVNLLMDDKILVD
 FRLSKGDGLEFKRHFLKIKGKLIDIVSSQKVWLPAT

FIG. 2

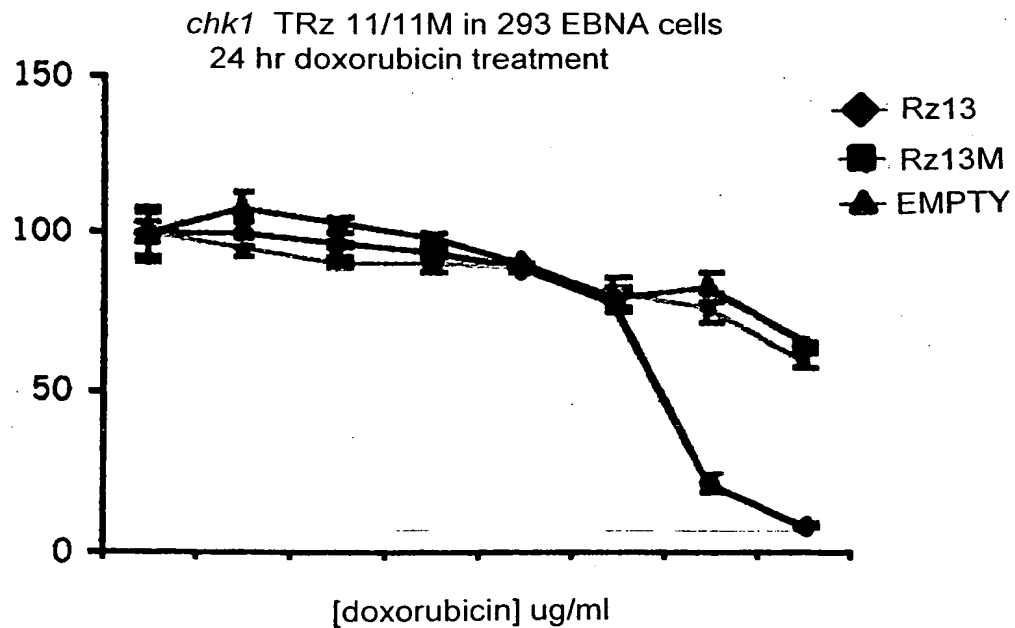
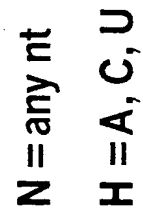


FIG. 5

Applicants: Shyjan, Andrew W., et al.
Title: CHK1 AND USES THEREOF
Attorney/Agent: Kerri Pollard Schray
Docket No.: MPI99-012DV1M

Sheet 3 of 6



3
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Applicants: Shyjan, Andrew W., et al.

Title: CHK1 AND USES THEREOF

Attorney/Agent: Kerri Pollard Schray

Docket No.: MPI99-012DV1M

Sheet 4 of 6

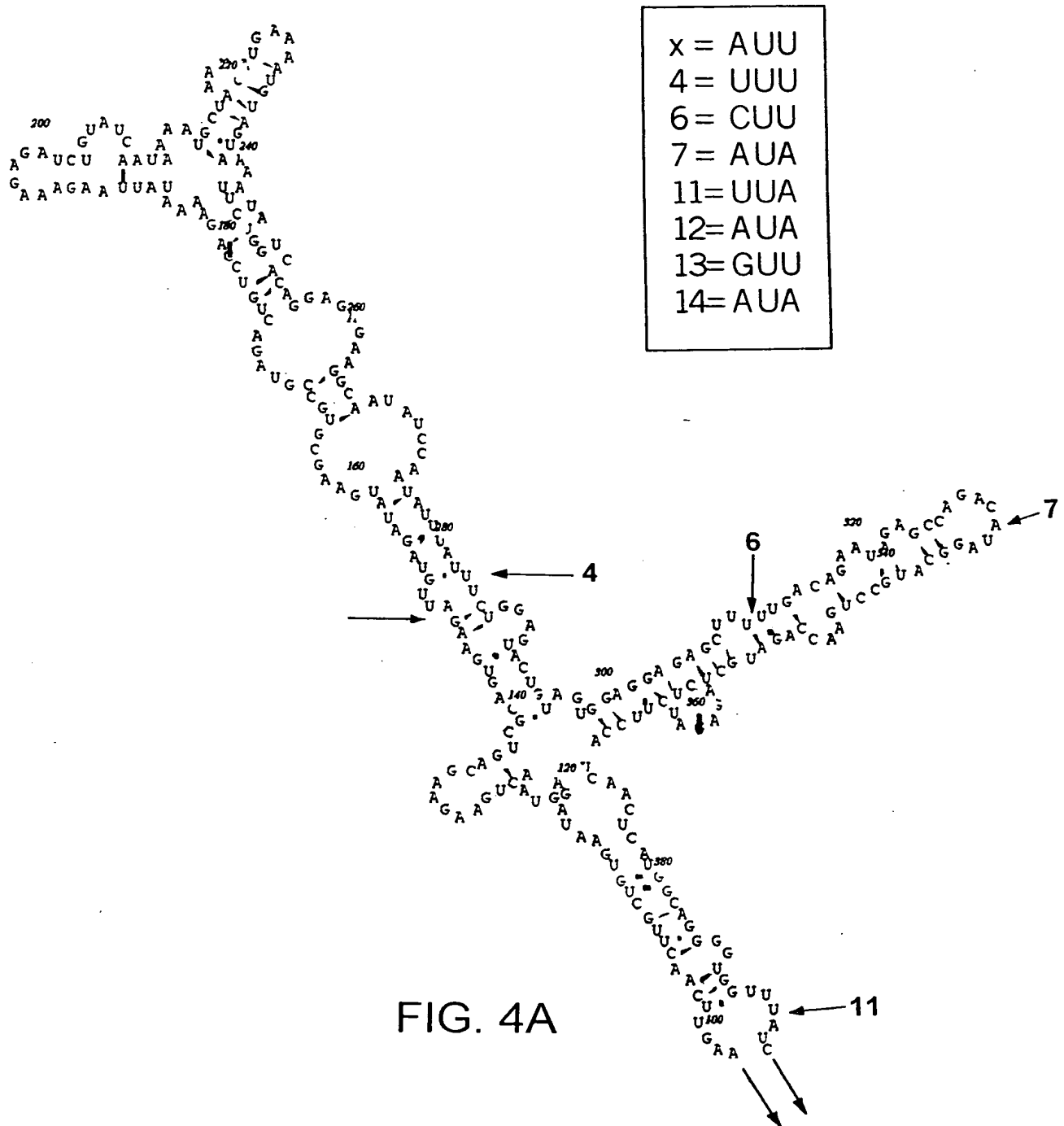


FIG. 4A

FIG. 4B

FIG. 4

Computational prediction of *chk1* RNA secondary structure



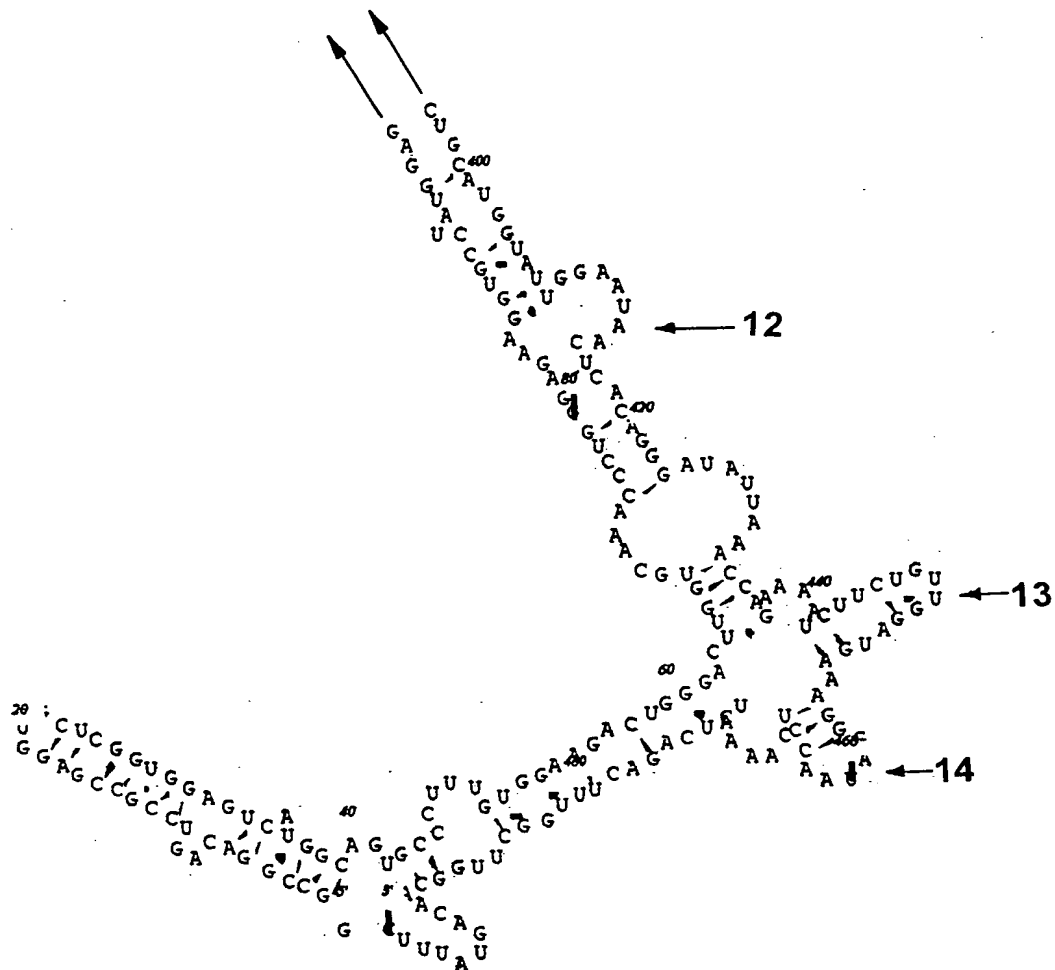


FIG. 4B